

16138
U.S. PTO

030804

PTO/SB/05 (01-04)

Approved for use through 07/31/2006. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	SwRI-2846-06
First Inventor	John Andrew Waynick
Title	Method for Improving the....
Express Mail Label No.	EV 418175079 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- | | |
|---|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)
<i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status.
See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification. [Total Pages <u>26</u>]
<i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets _____]</p> <p>5. Oath or Declaration [Total Sheets _____]</p> <ol style="list-style-type: none"> <input type="checkbox"/> Newly executed (original or copy) <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))
<i>(for continuation/divisional with Box 18 completed)</i> <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u>
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission
<i>(if applicable, all necessary)</i></p> <ol style="list-style-type: none"> <input type="checkbox"/> Computer Readable Form (CRF) Specification Sequence Listing on: <ol style="list-style-type: none"> <input type="checkbox"/> CD-ROM or CD-R (2 copies); or <input type="checkbox"/> Paper <input type="checkbox"/> Statements verifying identity of above copies |
|---|---|

ACCOMPANYING APPLICATION PARTS

- | | |
|---|--|
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of
<i>(when there is an assignee)</i> <input type="checkbox"/> Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
<i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)
<i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> 1) Credit Card Payment Form PTO-2038; and
2) Certificate of Mailing under 37 CFR 1.10</p> | |
|---|--|

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/453,803

Prior application information: Examiner Not Yet Assigned Art Unit: 1714
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number: 23770 OR Correspondence address below

Name	<u>Paula D. Morris</u>		
Address	<u>The Morris Law Firm, P.C.</u>		
City	Houston	State	Texas
Country	USA	Telephone	(713) 334-5151
Zip Code	77042-3110		
Fax	(713) 334-5157		

Name (Print/Type)	<u>Paula D. Morris</u>	Registration No. (Attorney/Agent)	<u>31,516</u>
Signature	<u>Paula D. Morris</u>		
Date	03/08/2004		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,254.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	03/08/2004
First Named Inventor	John Andrew Waynick
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	SwRI-2846-06

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

 Deposit Account:

Deposit Account Number
50-0997 (SwRI-2846-06)
Deposit Account Name
Paula D. Morris & Assoc., P.C.

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	\$385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$ 385.00)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
107	-20** = 87		x \$9.00	= \$783.00	
5	-3** = 2		x \$43.00	= \$86.00	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 869.00)		

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1051 130	Surcharge - late filing fee or oath	
1052 50	2052 25	1052 50	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	1251 110	Extension for reply within first month	
1252 420	2252 210	1252 420	Extension for reply within second month	
1253 950	2253 475	1253 950	Extension for reply within third month	
1254 1,480	2254 740	1254 1,480	Extension for reply within fourth month	
1255 2,010	2255 1,005	1255 2,010	Extension for reply within fifth month	
1401 330	2401 165	1401 330	Notice of Appeal	
1402 330	2402 165	1402 330	Filing a brief in support of an appeal	
1403 290	2403 145	1403 290	Request for oral hearing	
1451 1,510	1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	1452 110	Petition to revive - unavoidable	
1453 1,330	2453 665	1453 1,330	Petition to revive - unintentional	
1501 1,330	2501 665	1501 1,330	Utility issue fee (or reissue)	
1502 480	2502 240	1502 480	Design issue fee	
1503 640	2503 320	1503 640	Plant issue fee	
1460 130	1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	1809 770	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	1810 770	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	1801 770	Request for Continued Examination (RCE)	
1802 900	1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

(Complete if applicable)

Name (Print/Type)	Paula D. Morris	Registration No. (Attorney/Agent)	31,516	Telephone (713) 334-5151
Signature			Date	03/08/2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Certificate of Mailing Under 37 CFR 1.10

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on 03/08/2004 EV 418175079 US
Date **Express Mail Label No.**

Ann Marie Alaniz
Signature

Ann Marie Alaniz

Typed or Printed Name

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Utility Patent Application Transmittal form PTO/SB/05 [1 page], Fee Transmittal form PTO/SB/17 [1 page], Credit Card Payment Form PTO2038 [1 page], Utility Patent Application [26 pages] and return receipt postcard.

Applicant	<u>WAYNICK</u>	Group Art Unit:	<u>Not Yet Assigned</u>
Serial No.:	<u>Not Yet Assigned</u>	Examiner:	<u>Not Yet Assigned</u>
Filing Date:	<u>03/08/2004</u>	Atty. Docket No.:	<u>SwRI-2846-06</u>
Title:	Method for Improving the Performance of Engines Powered by Liquid Hydrocarbon Fuel		